



INFORMATION  
DISCLOSURE  
CITATION  
PTO-1449

Atty. Docket No. 032082

Serial No. 10/697,647

Applicant(s) Muneki HAMASHIMA et al.

Filing Date: October 31, 2003

Group Art Unit: 2821

U.S. PATENT DOCUMENTS

Initial Examiner	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<i>11</i>	5,557,105	Honjo et al.	9/17/96	<i>250</i>	<i>310</i>	<i>/</i>
<i>11</i>	5,864,142	Muraki et al.	1/26/99	<i>250</i>	<i>491-1</i>	<i>/</i>
<i>11</i>	6,465,783B1	Nakasuji	10/15/02	<i>250</i>	<i>311</i>	<i>/</i>
<i>11</i>	6,476,390B1	Murakoshi et al.	11/5/02	<i>250</i>	<i>310</i>	<i>/</i>

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)

OTHER DOCUMENTS

Examiner	Date Considered
<i>Thuy V. Tran</i>	<i>10/12/04</i>

By: Muneki HAMASHIMA et al. FEB 27 2004

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**U.S. PATENT DOCUMENTS**

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1.1.	5,502,306	Meisburger et al.	3/26/96	250	310	/
1.1.	5,892,224	Nakasuji	4/6/99	250	310	/

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	Document No.	Date	Country	Translation (Yes or No)
1.1.	2002-141010	5/17/02	Japan	No
1.1.	2002-141011	5/17/02	Japan	No
1.1.	11-132975	5/21/99	Japan	Yes
1.1.	EP 0 957 583 A2	11/17/99	Japan	No
1.1.	111-48905 A	6/2/99	Japan	Yes
1.1.	EP 1 055 745 A1	11/29/00	Japan	Yes
1.1.	10-313027	11/24/98	Japan	Yes
1.1.	2002-150985	5/24/02	Japan	No
1.1.	5-82607	4/2/93	Japan	Yes

**OTHER DOCUMENTS**

Examiner	<i>Sheng V. Tran</i>	Date Considered	10/12/04
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**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Translation (Yes or No)
1-1	0 518 633 A1	12/16/92	European	yes
1-1	9-219427	8/19/97	Japan	Yes
1-1	5-258703	10/8/93	Japan	No

**OTHER DOCUMENTS (N/A)**

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